WHAT IS CLAIMED IS:

1. A right angle bend mount for bending an optical fiber into the plane of a circuit board, the right angle bend mount comprising:

a base;

a cover pivotably connected to the base via a hinge;

a first clamp formed by a first pair of opposed surfaces of the base and cover adjacent the hinge, the first clamp being adapted to fixedly grip a ferrule portion of the optical fiber when the base and the cover are fixed together in a closed position;

a second clamp formed by a second pair of opposed surfaces of the base and cover, the second clamp being adapted to fixedly grip a non-ferrule portion of the optical fiber when the base and the cover are fixed together in a closed position;

wherein the ferrule portion is held at a right angle to the gripped non-ferrule portion when the base and the cover are fixed together in a closed position.

2. The right angle bend mount of claim 1, wherein a bent portion of the optical fiber between the ferrule portion and the gripped non-ferrule portion is disposed in a non-gripping gap between the base and the cover when the base and the cover are fixed together in a closed position.